

containing the marked-up claims, which show the changes.

AMENDMENT

In the Claims:

Sub B1
1. A flowable materials container comprising:
a first sidewall and a second sidewall sealed together along a peripheral seam to define a fluid chamber, at least one of the first and second sidewall *is* a film having at least one layer of a blend of a first component selected from the group consisting of: (1) ethylene and α -olefin copolymers having a density of less than about 0.915 g/cc, (2) ethylene copolymerized with lower alkyl acrylates, (3) ethylene copolymerized with lower alkyl substituted alkyl acrylates and (4) ionomers, the first component being present in an amount from about 99% to about 55% by weight of the blend, a second component in an amount by weight of the blend from about 45% to about 1% and is selected from the group consisting of: (1) propylene containing polymers, (2) polybutene polymers, (3) polymethylpentene polymers, (4) cyclic olefin containing polymers and (5) bridged polycyclic hydrocarbon containing polymers; and,
the film has a modulus of elasticity when measured in accordance with ASTM D882 of less than about 60,000 psi, an internal haze when measured in accordance with ASTM D1003 of less than about 25%, an internal adhesion ranking of greater than about 2, a sample creep at 120°C under 27 psi loading of less than or equal to 150% for a film having a thickness of from about 5 mils to about 15 mils, and the film can be heat sealed into a container having seals wherein the seals remain intact when the container is autoclaved at 121°C for one hour.

A1
2. The container of claim 1 wherein the second component is a propylene containing polymer and is selected from the group consisting of homopolymers of polypropylene, and random and block copolymers and random and block terpolymers of propylene with one or more comonomers selected from α -olefins having from about 2 to about 17 carbons.

A2 Sub B1
9. ~~The container of claim 1 wherein the second component is a cyclic olefin having from 5 to about 10 carbons in the ring.~~

A39
SUB
B61
11. The container of claim 1 wherein the second component is a bridged polycyclic hydrocarbon having at least 7 carbons.

A4
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C1
13. The container of claim 1 wherein the first component is an ethylene and α -olefin copolymer wherein the α -olefin has from 3 to 17 carbons.

14. The container of claim 1 wherein the first component is an ethylene and α -olefin copolymer wherein the α -olefin has from 4 to 8 carbons.

SUB
B61
A5
21. A flowable materials container comprising:
a first sidewall and a second sidewall sealed together along a peripheral seam to define a fluid chamber, the sidewall being of a film having at least one layer of a blend of a first component selected from the group consisting of: (1) ethylene and α -olefin copolymers having a density of less than about 0.915 g/cc, (2) ethylene copolymerized with lower alkyl acrylates, (3) ethylene copolymerized with lower alkyl substituted alkyl acrylates and (4) ionomers, the first component being present in an amount from about 99% to about 55% by weight of the blend;
a second component in an amount by weight of the blend from about 45% to about 1% and is selected from the group consisting of: (1) propylene containing polymers, (2) polybutene polymers, (3) polymethylpentene polymers, (4) cyclic olefin containing polymers and (5) bridged polycyclic hydrocarbon containing polymers; and,
wherein the film is subjected to electron beam radiation having an energy from 150 Kev to 10Kev to provide a dosage amount from about 20 kGy to about 200 kGy.

SUB
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24. The container of claim 21 wherein the second component is a propylene containing polymer selected from the group consisting of homopolymers of polypropylene, and random and block copolymers and random and block terpolymers of propylene with one or more comonomers selected from α -olefins having from about 2 to about 17 carbons.

A7 SUB
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31. The container of claim 21 wherein the second component is a cyclic olefin having from 5 to about 10 carbons in the ring.

AB SUB
B11
33. The container of claim 21 wherein the second component is a bridged polycyclic hydrocarbon having at least 7 carbons.

SUB
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35. The container of claim 21 wherein the first component is an α -olefin having from 3 to 17 carbons.

Sub
36. The container of claim 21 wherein the first component is an ethylene and α -olefin copolymer wherein the α -olefin has from 4 to 8 carbons.